



US0D1016278S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,016,278 S**
Moeller et al. (45) **Date of Patent:** **** Feb. 27, 2024**

(54) **TUBE SECURING DEVICE**

(71) Applicant: **Avent, Inc.**, Alpharetta, GA (US)

(72) Inventors: **Preston A. Moeller**, Alpharetta, GA (US); **Emily Brayman**, Atlanta, GA (US); **Donald J. McMichael**, Roswell, GA (US); **Anthony D. Roberts**, Woodstock, GA (US); **Guillermo R. Alas**, Cumming, GA (US); **Hiral S. Shah**, Alpharetta, GA (US)

(73) Assignee: **Avent, Inc.**, Alpharetta, GA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/833,517**

(22) Filed: **Apr. 5, 2022**

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/128**

(58) **Field of Classification Search**

USPC D24/127–128, 228, 230; D8/349, 354, D8/356, 357, 358, 359, 396; 191/12.2 R; 24/3.12; 248/68.1, 74.1, 74.2, 74.3, 74.4; 242/405

CPC A61M 5/178; A61M 25/09041; F16B 7/0433; Y10T 24/349; Y10T 24/44291

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D270,329 S * 8/1983 Hardy D8/356
D273,762 S * 5/1984 Sakaguchi D8/394
4,609,171 A * 9/1986 Matsui H02G 3/32
248/316.1
4,779,828 A * 10/1988 Munch F16L 3/12
24/339
D323,390 S * 1/1992 Paine D24/129

D347,384 S * 5/1994 White D8/395
D369,740 S * 5/1996 Phillips D8/380
D380,145 S * 6/1997 Rumpel D8/395
D537,331 S * 2/2007 Hill D8/395
D619,711 S * 7/2010 Lombardo D8/395
D652,288 S * 1/2012 Mercier D8/396
D655,407 S * 3/2012 Adams D8/394
D682,464 S * 5/2013 Gary D26/142
D691,032 S * 10/2013 Chen D8/396
D808,255 S * 1/2018 Pittman D8/396
D822,830 S * 7/2018 Aten D24/128
D862,472 S * 10/2019 Huebner D14/432
D877,323 S * 3/2020 Reedy-Goss D24/127

(Continued)

Primary Examiner — Nathan M Johnston

(74) *Attorney, Agent, or Firm* — Dority & Manning, P.A.

(57) **CLAIM**

The ornamental design for a tube securing device, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a tube securing device according to the present design;

FIG. 2 is a rear perspective view of the tube securing device of FIG. 1;

FIG. 3 is a right side view of the tube securing device of FIG. 1;

FIG. 4 is a front view of the tube securing device of FIG. 1;

FIG. 5 is a left side view of the tube securing device of FIG. 1;

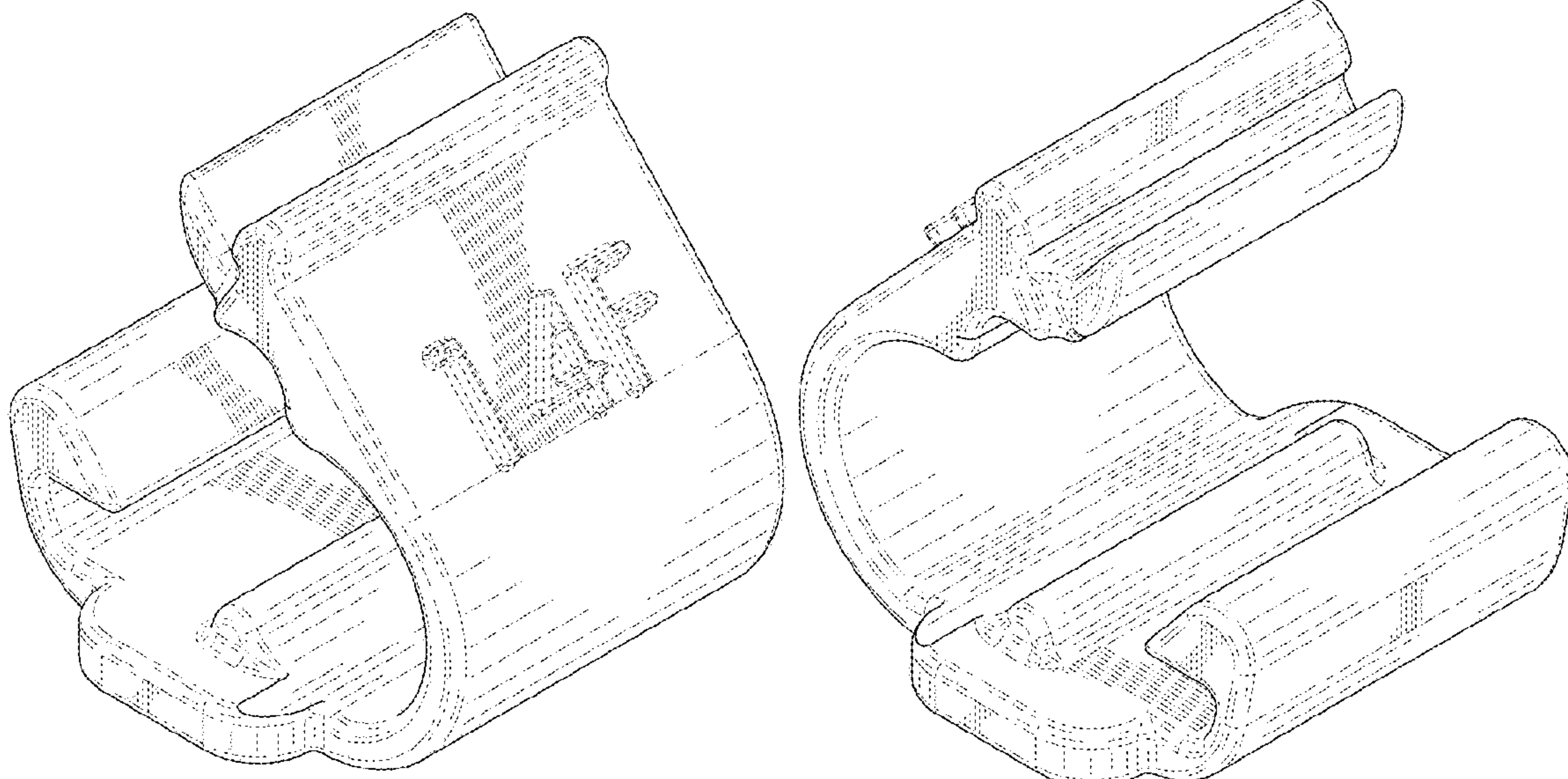
FIG. 6 is a rear view of the tube securing device of FIG. 1;

FIG. 7 is a top view of the tube securing device of FIG. 1;

and, FIG. 8 is a bottom view of the tube securing device of FIG. 1.

The broken lines depicted in FIGS. 1-8 represent unclaimed portions of the tube securing device and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D884,885	S	*	5/2020	Hu		D24/128
D890,924	S	*	7/2020	Godinez		D24/128
D921,887	S	*	6/2021	Hu		D24/143
D926,022	S	*	7/2021	Luhrmann		D8/356
D965,141	S	*	9/2022	Oldfield		D24/127
D965,775	S	*	10/2022	Dmitriev		D24/129
D976,690	S	*	1/2023	Peng		D8/367
D982,417	S	*	4/2023	Johnson		D8/356

* cited by examiner

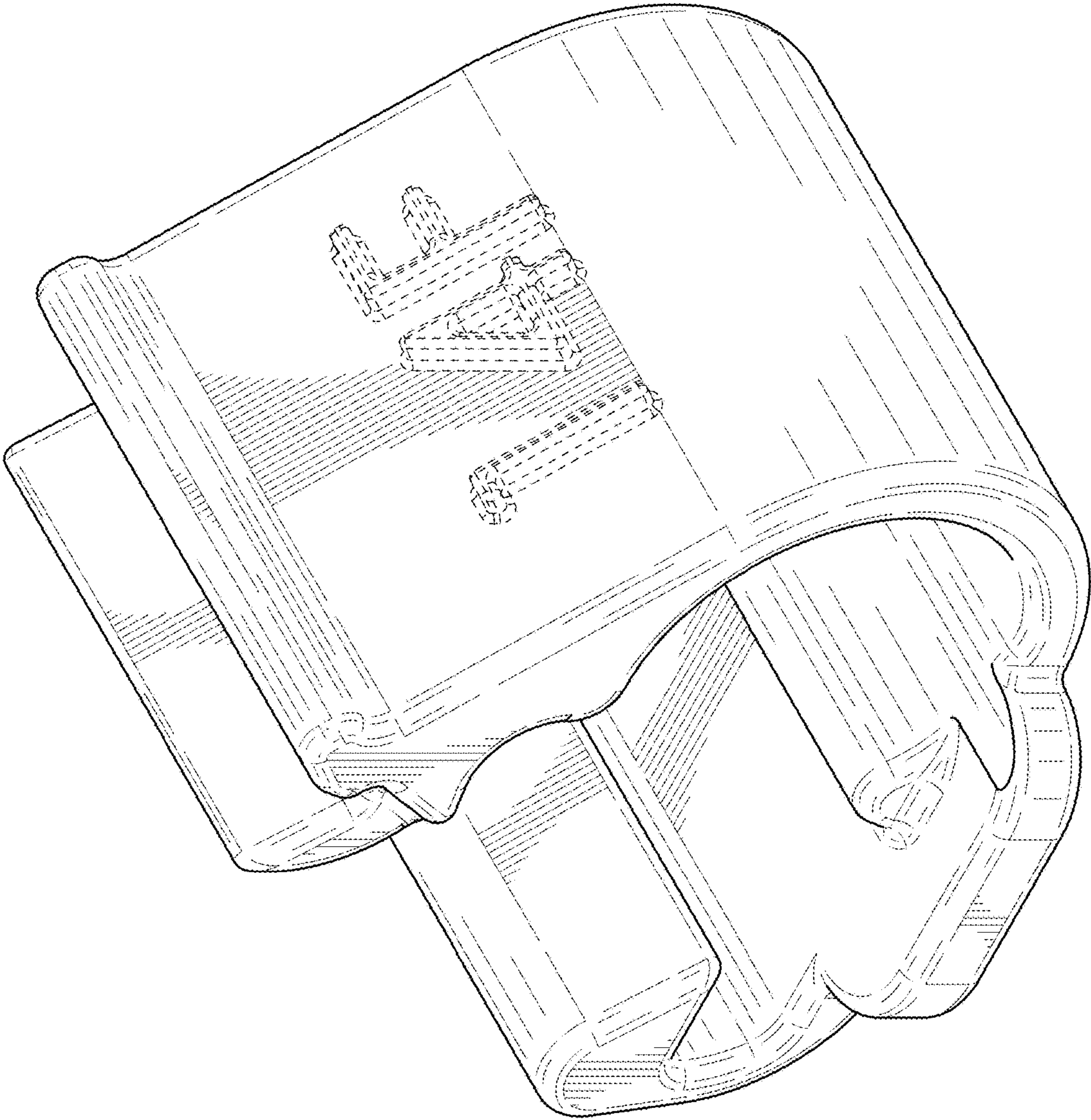


FIG. 1

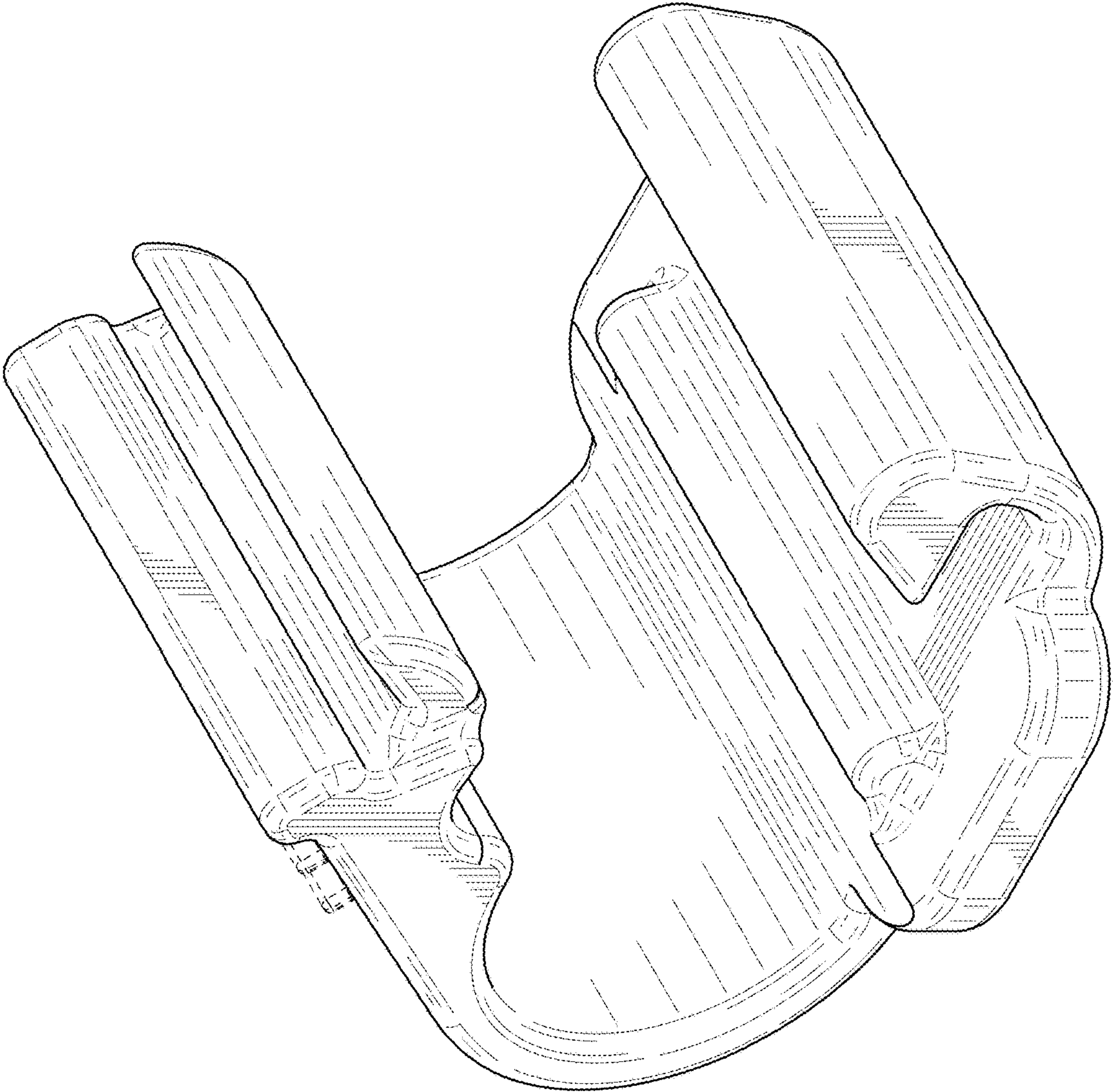


FIG. 2

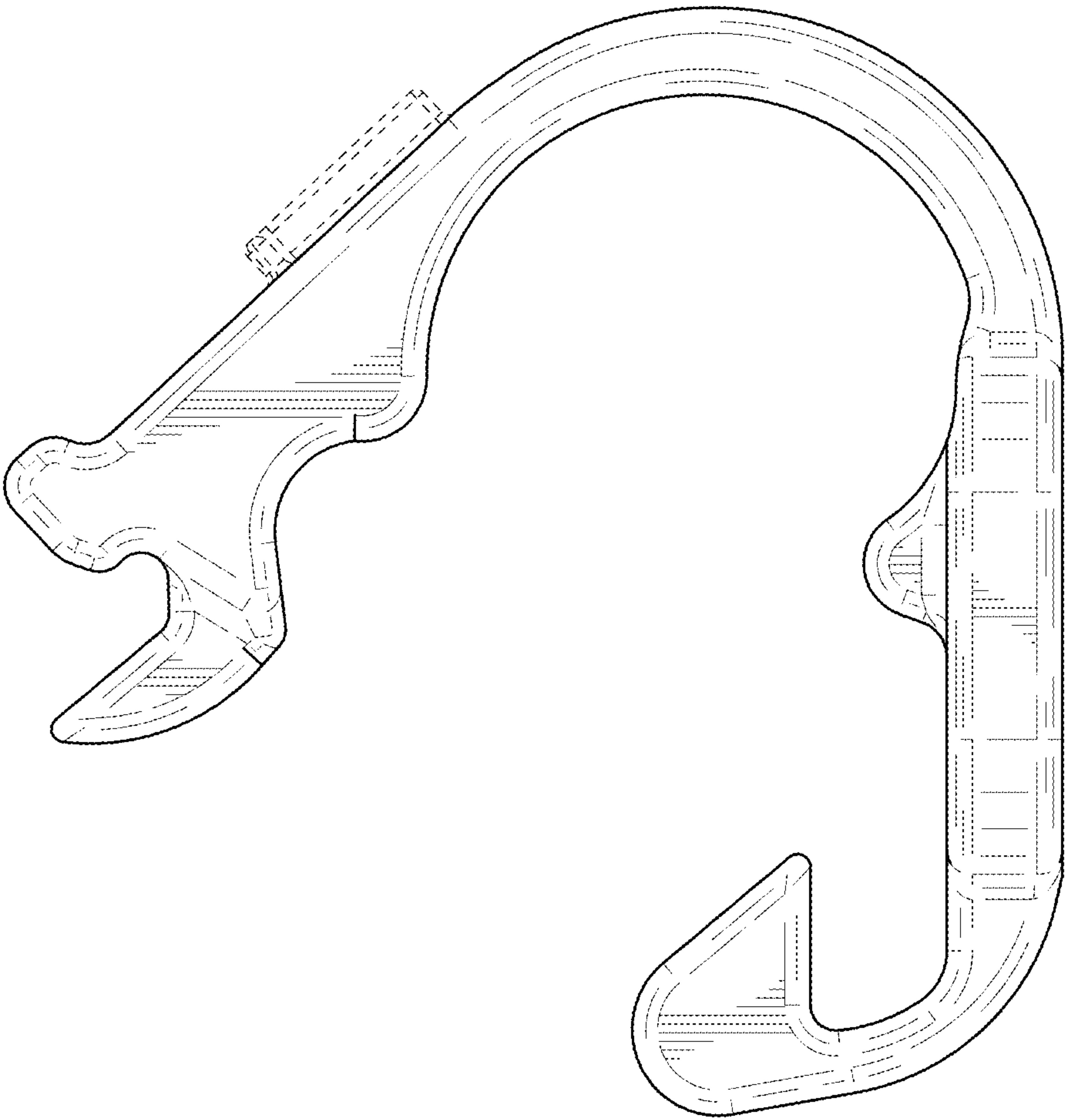


FIG. 3

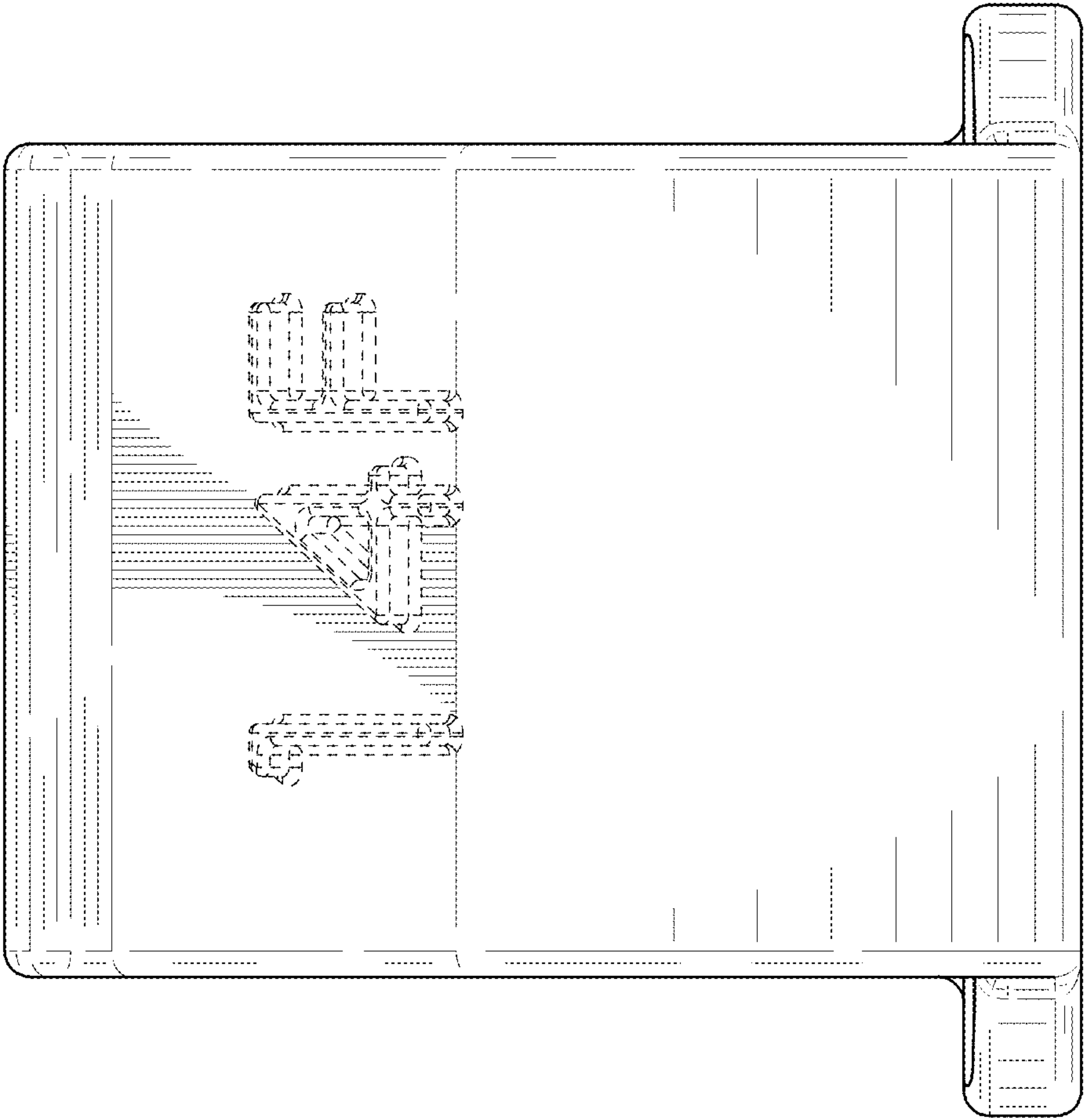


FIG. 4

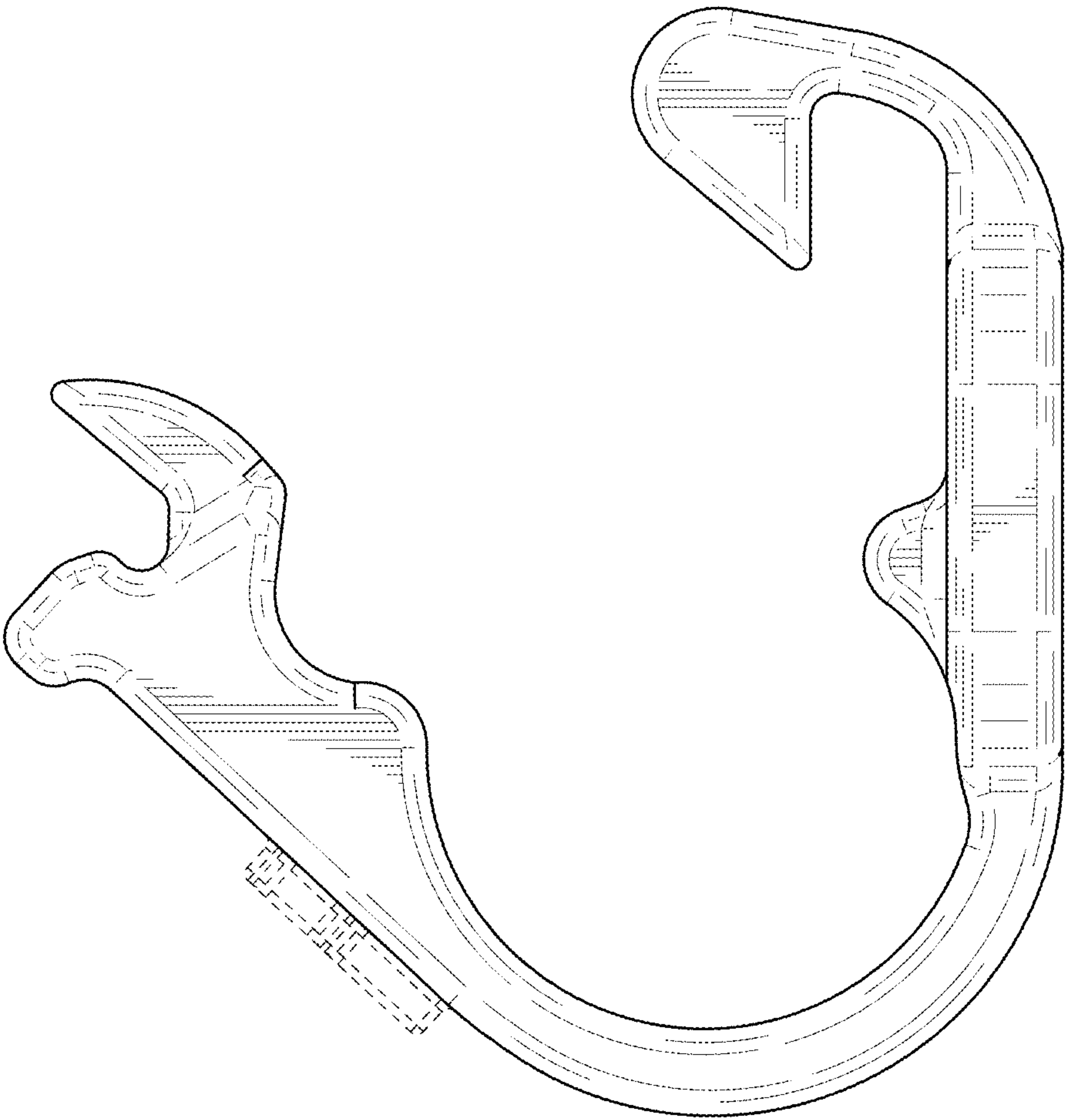


FIG. 5

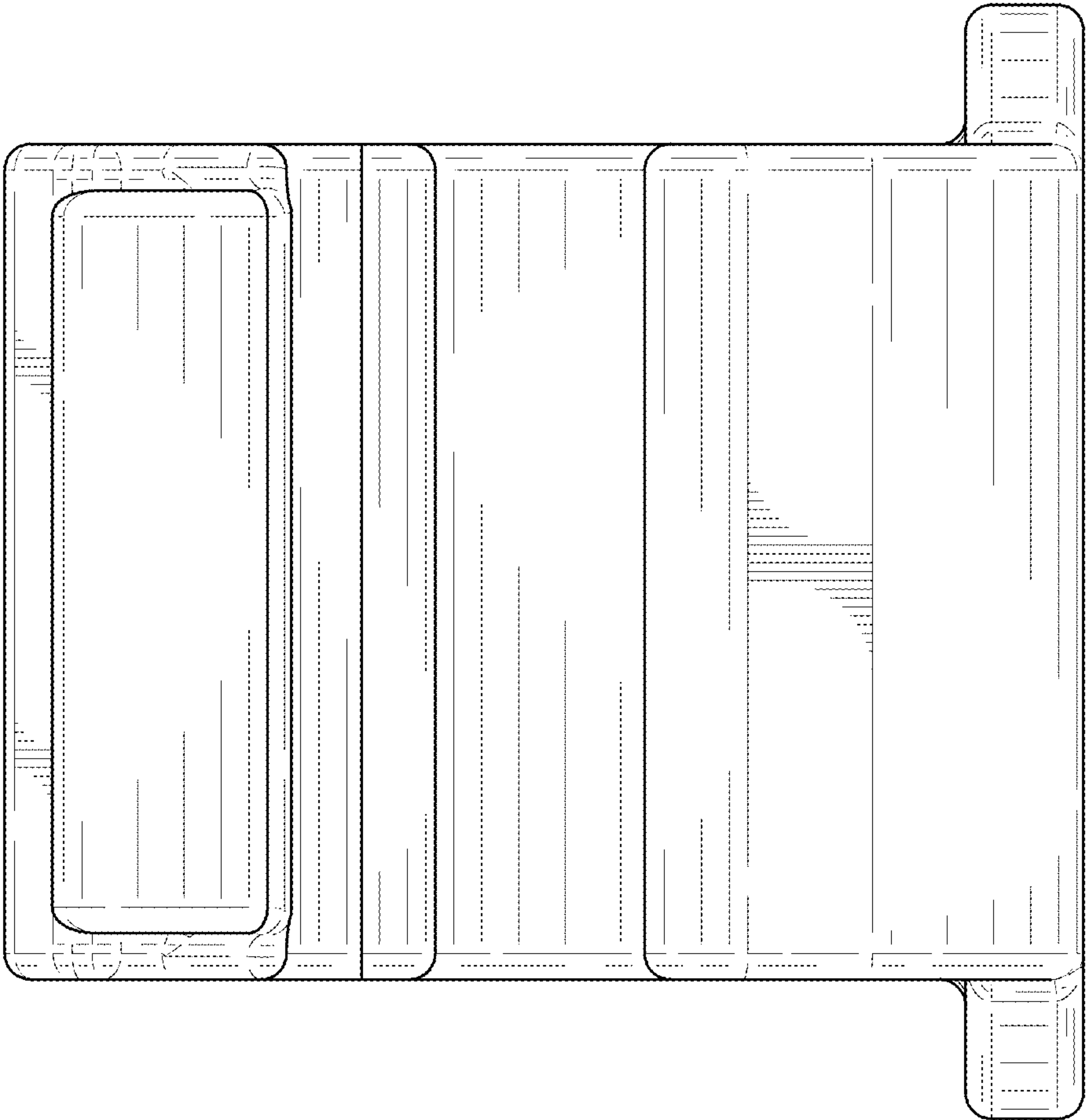


FIG. 6

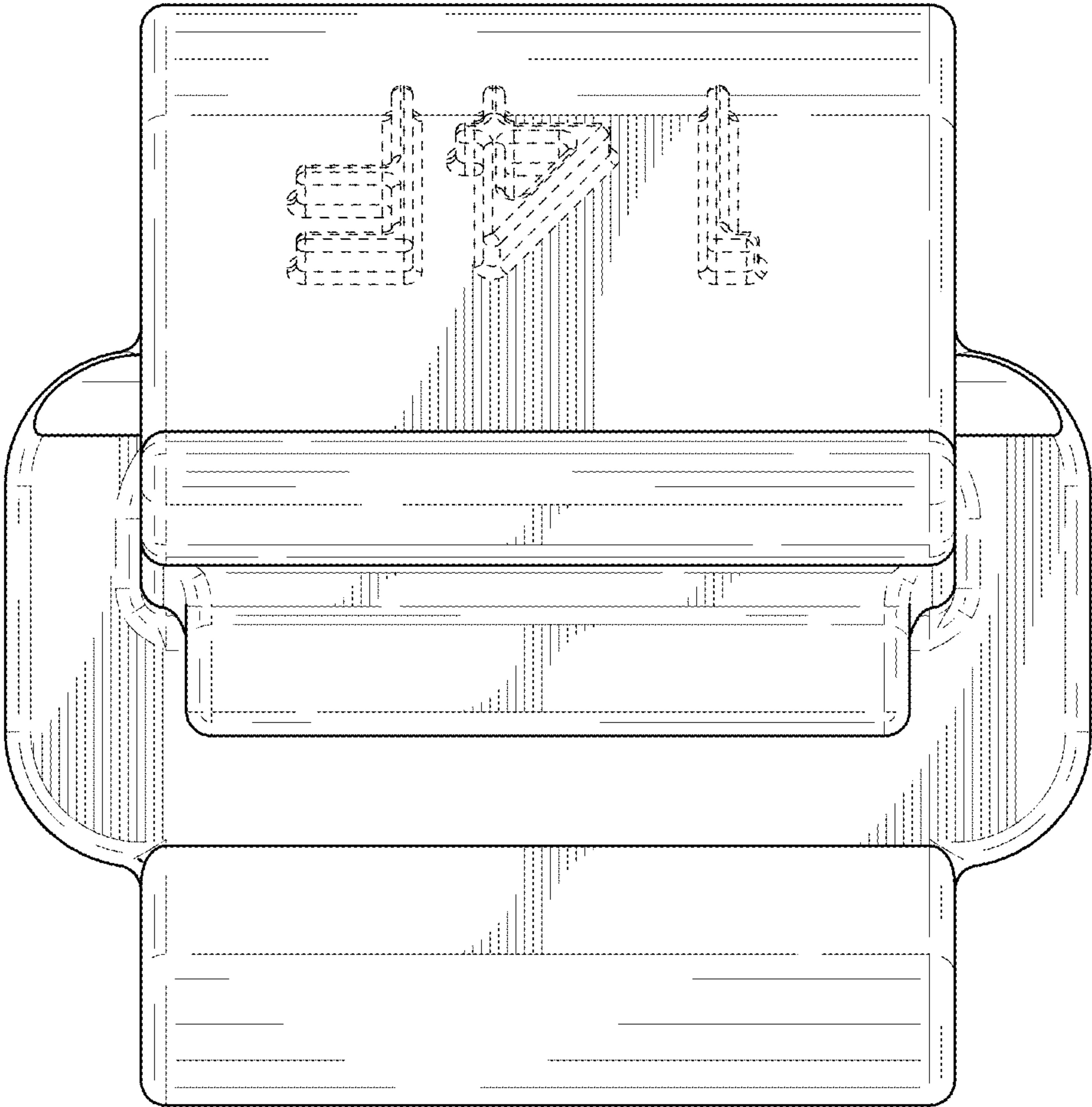


FIG. 7

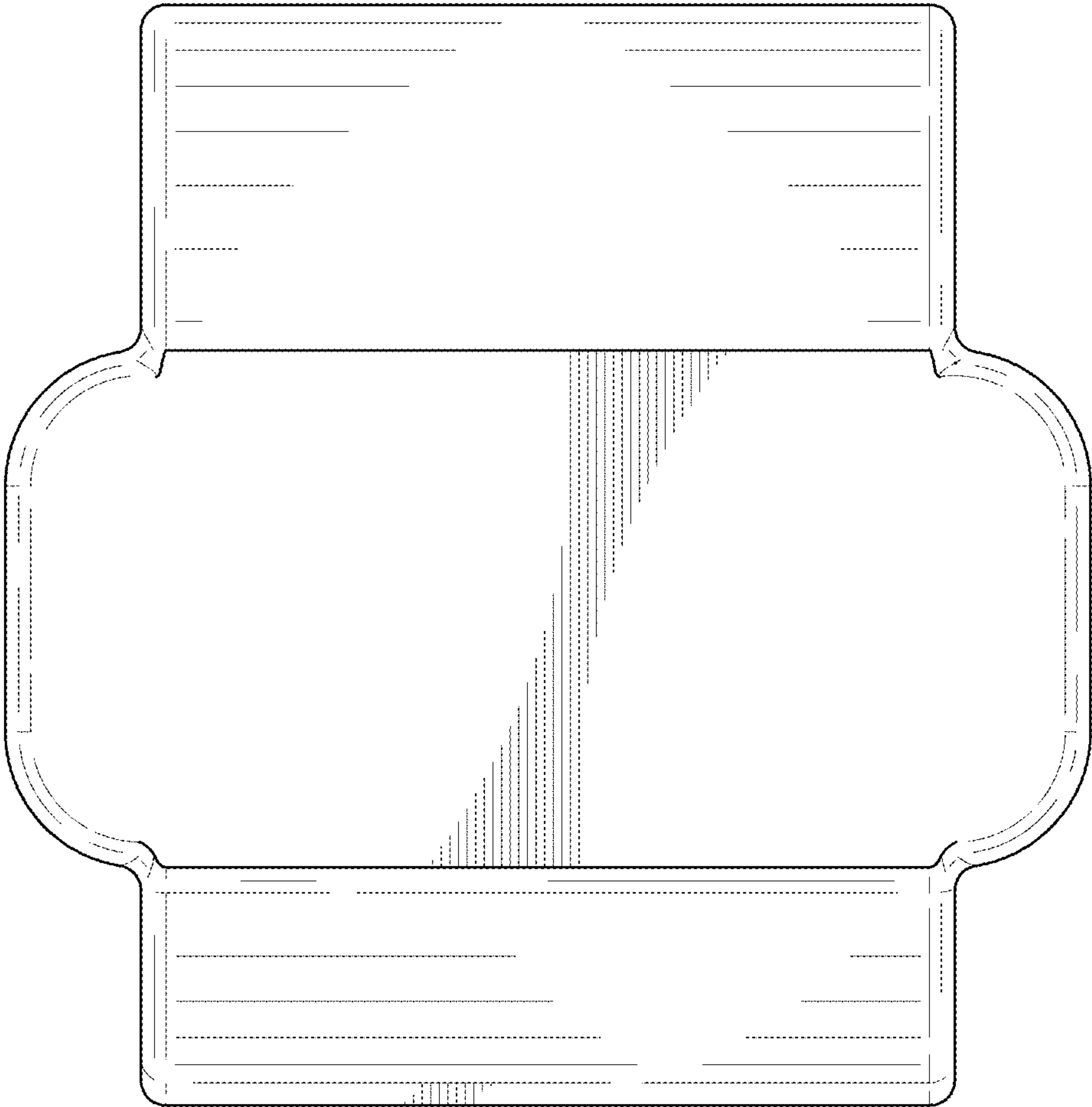


FIG. 8